



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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6/14/01  
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In re Application of:

Applicant : GHISOLFI, G  
Ser. No. : 09/334,891  
Filed : June 17, 1999  
For : RECYCLABLE MULTI-LAYER...  
Group A.U. : 1772  
Examiner : PATTERSON, M

RECEIVED  
JUN 14 2001  
TC-1700 MAIL ROOM

Assistant Commissioner for Patents and Trademarks  
Washington D.C. 20231 U.S.A.

**DECLARATION UNDER 37 C.F.R. 1.132 OF ARIANNA GIOVANNINI**

1. I received a degree in chemistry from the University of Bologna in 1987.
2. I am currently employed by Sinco Ricerche S.p.A. in Italy as the project leader in the area of synthesis of polyethylene terephthalate and I am co-inventor of a number of patents in the United States and other countries.
3. I have reviewed the disclosure and the claims of U.S. Application Serial Number 09/334,891 which was filed on June 17, 1999. I have also reviewed the Office Action and the references of record.
4. I have performed a number of experiments to test the capability of a foamed polyethylene terephthalate sheet to be creased to press on it a pattern suitable to develop the shape of a container by folding. These experiments are explained below.
5. I used for the test a foamed PET sheet having bulk density of 180 Kg./m<sup>3</sup> and a thickness of 0.7 mm. (which are the values used in the working examples of '891 application).
6. I creased on the foamed sheets a pattern and I tried to fold the sheets along the lines pressed on the sheets. In no case it was possible to fold the sheets without breakage along the lines of folding.
7. The results shows that a foamed PET sheet is unsuitable for being used as a substrate layer of a material for containers for beverages to be manufactured by creasing a pattern developing the shape of the container by folding according to the lines of the pressed pattern.

8. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.



Arianna Giovannini

April 18<sup>th</sup>, 2001